

* CORRECTED IAP *

DETWILER FIRE



INCIDENT ACTION PLAN

JULY 18, 2017 0700

TO

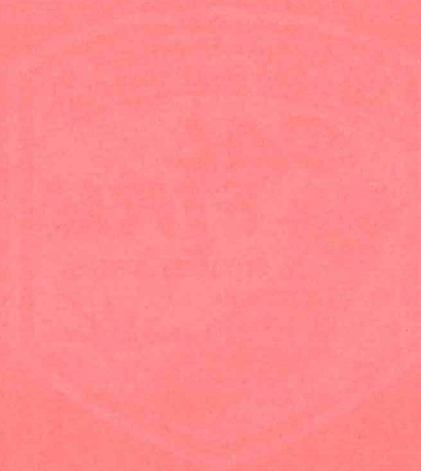
JULY 19, 2017 0700

CA-MMU-014474



DEPT. OF THE ARMY

OFFICE OF THE
CHIEF OF STAFF



JOINT STAFF ADVISORY

COMMITTEE ON

DEFENSE

STAFF

REPORT

ON

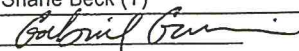
THE

ARMY

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: <div style="text-align: center;">DETWILER</div>	2. Operational Period:	Date From: 7/18/2017 Date To: 7/19/2017 Time From: 0700 Time To: 0700																				
3. Objective(s): <div style="border: 1px solid black; padding: 5px;"> <p><u>Management Objectives</u></p> <ul style="list-style-type: none"> -Provide for and maintain public and first responder safety by utilizing the incident safety analysis process. -Be fiscally responsible for all management and suppression actions. -All management actions and efforts will be focused on serving, safeguarding, and protecting the citizens, cultural and historical resources of Mariposa County. -Ensure timely notifications as evacuations occur and that the repopulation plan is carried out in an efficient and organized manner. <p><u>Control Objectives</u></p> <ul style="list-style-type: none"> -Keep the fire East of Exchequer Road -Keep the fire South of Lake McClure / Merced River -Keep the fire West of Merced River and Telegraph Rd -Keep the fire North of Hwy 140 and Hornitos Road </div>																						
General Situational Awareness: <ul style="list-style-type: none"> -MAINTAIN L.C.E.S. AT ALL TIMES. Safety zones and escape routes are mandatory. -Ensure all personnel maintain situational awareness. -Rolling material and steep terrain. Remember to maintain good footing. -Keep your hydration up by drinking water and electrolyte beverages. Avoid energy drinks. -Maintain good communications with your supervisors, adjacent forces and crew members. -Maintain awareness of fire weakened trees, ash pits, and burned-out stump holes. 																						
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Approved Site Safety Plan(s) Located at:																						
6. Incident Action Plan <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> ICS 203</td> <td><input type="checkbox"/> ICS 215A</td> <td><input type="checkbox"/> Phone List</td> <td><input type="checkbox"/> Fire Suppression Repair Plan</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204</td> <td><input checked="" type="checkbox"/> ICS 220</td> <td><input type="checkbox"/> Training Message</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 205</td> <td><input type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> Travel Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 206</td> <td><input checked="" type="checkbox"/> Weather Forecast</td> <td><input type="checkbox"/> Demob Plan</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 208</td> <td><input checked="" type="checkbox"/> Fire Behavior</td> <td><input type="checkbox"/> Finance Message</td> <td><input checked="" type="checkbox"/> ICS 214</td> </tr> </table>			<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 215A	<input type="checkbox"/> Phone List	<input type="checkbox"/> Fire Suppression Repair Plan	<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Training Message	<input type="checkbox"/>	<input checked="" type="checkbox"/> ICS 205	<input type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Travel Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> ICS 206	<input checked="" type="checkbox"/> Weather Forecast	<input type="checkbox"/> Demob Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> Fire Behavior	<input type="checkbox"/> Finance Message	<input checked="" type="checkbox"/> ICS 214
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7. Prepared By: Chris Burch Position/Title: PSC1		Signature:																				
8. Approved by Incident Commander:		Signature: _____																				
ICS 202																						

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: DETWILER		2. Operational Period: Date From: 7/18/2017 Time From: 0700		Date To: 7/19/2017 Time To: 0700	
3. Incident Commander(s) and Command Staff:		7. Operation Section:			
IC/UC's	T. Derum /S. Beach (T)/G. Pemberton (T)	Chief	Bill Weiser		
Deputy	Dave Russell	Deputy	Mark Brown		
Safety Officer	J. Piccinni/ B. Stangeland/ J. Segura	Night Ops	Mark Higgins		
Information Officer	Steve Kaufmann/ Koby Johns	Staging Area	High School	Jason Emery	
Liaison Officer	Shannon Barney (T)	Branch	I		
		Division/Group	A		
		Division/Group	T		
4. Agency/Organization Representatives:		Division/Group	W		
Agency/Organization	Name	Division/Group	F		
BLM	Gerald Martinez	Division/Group			
Mariposa County SO	Doug Binnewies	Branch	II		
CDCR	Chris Dean	Division/Group	H		
Mariposa County Fire	Gary Hampy	Division/Group			
MMU	Nancy Koerperich	Division/Group			
OES	David Stone	Division/Group			
		Division/Group			
		Branch	III		
		Division/Group	J		
		Division/Group	K		
		Division/Group	M		
		Division/Group			
		Division/Group			
		Branch	IV		
5. Planning Section:		Division/Group	O		
Chief	Chris Burch / Mike Petro	Division/Group	R		
Deputy	Mike Mills / Gabe Garcia (T)	Division/Group			
Resource Unit	Jonathan Pangburn / Chris Reneau	Division/Group			
Situation Unit	Jason Taylor/ Eric Scovel/ D. O'Neil (T)	Division/Group			
Documentation Unit	Heather Simon	Branch	Contingency		
Demobilization Unit	Tom Shevenell	Division/Group			
GISS	Stacy Stanish	Division/Group			
FBAN	Tim Chavez	Division/Group			
IMET		Division/Group			
Training Tech Spec	Jon White (T)	Division/Group			
ORDM	Scott Burnham	Air Operations Branch			
6. Logistics Section		Air Ops Branch Director		Mark Gradek	
Chief	Bob Wood	Air Support Grp Sup		Greg Bradshaw	
Deputy	Matt Reich (T)	Helibase Manager		Tim Perkins/Kenny Dossey (T)/Matt Ryan (T)	
Facilities Unit	Shawn Burris/ Maggie Koulfeld (T)	8. Finance/Administration Section:			
Ground Support Unit	Pete Mock	Chief	Pete Peisch/ David Irion (T)		
Hired Equipment Tech	Tim Bingham	Deputy	George Huang		
Communications Unit	Austin Browne/ Ken Parker	Procurement Unit	Joe Flaggs		
Medical Unit	Darin Nelson	Comp/Claims Unit	Karen Guillemín/ Sean Bowe (T)		
Motel Tech Spec	Dawn Muschetto/ Dan Valenzuela	Cost Unit	Rob Jenkins		
Supply Unit	Matt Brandt	Time Unit	Leslie Drexel/ Shane Beck (T)		
Prepared By: Name:	Gabe Garcia	Position/Title:	PSC (T)	Signature: 	
ICS 203		Date/Time:	7/17/2017 2300 hours		

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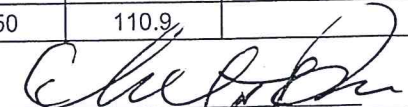
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ASSIGNMENT LIST (ICS 204)

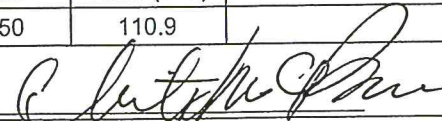
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1. Incident Name: DETWILER		2. Operational Period: Date From: 07/18/17 Date To: 07/19/17 Time From: 0700 Time To: 0700				3. Branch: II Div/Group: H Hotel	
4. Operations Personnel: Operations Section Chief: Bill Weiser Night Ops: Mark Higgins Branch Director: Division/Group Supervisor: Craig Covey / Nathan Arellano (T)							
5. Resources Assigned:			Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information Location		
Resource Identifier	Leader						
STC					0700-0700		
STC					0700-0700		
STG					0700-0700		
STG					0700-0700		
STG					0700-0700		
STG					0700-0700		
DOZ Type 1	E-189				0700-0700		
DOZ Type 1	E-190				0700-0700		
STL TCU 9448L					0700-0700		
DOZ PVT E-38	Rivera, Frank	2		E-38	0700-0700		
DOZ PVT E-23	Hill, Mogle	1		E-23	0700-0700		
W/T PVT E-118	Williams, Keith	2		E-118	0700-0700		
W/T	E-218				0700-0700		
HEQB					0700-0700		
HEQB					0700-0700		
HEQB					0700-0700		
6. Work Assignments: Establish fireline, direct if possible. Improve dozer line. Construct hoselay.							
7. Special Instructions: Communications issues exist throughout the fire are. Mobile repeaters have been ordered but human repeaters and regular radio checks or PAR's are recommended. Water source will be the hydrant at Mariposa High School on 8th St.							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2 T3	1	COMMAND	151.2650	103.5	159.3300	T3 (131.8)	TONE 3 - BASALT
VFIRE 25	8	TACTICAL	154.2875	156.7	154.2875	156.7	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
CDF T18	15	AIR/GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	AIR TO GROUND
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	
9. Prepared by: Name: Chris Reneau Pos/Title: RESL ICS 204 Date/Time: 7/17/2017 2300 hours Signature: 							

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1. Incident Name: DETWILER		2. Operational Period: Date From: 07/18/17 Date To: 07/19/17 Time From: 0700 Time To: 0700		3.			
4. Operations Personnel: Operations Section Chief: Bill Weiser Night Ops: Mark Higgins Branch Director: Sean Dakin / Joshua Bischof (T) Branch Safety: Mark Todd / Tim Erwin Division/Group Supervisor: Keith Swope				Branch: III Div/Group: J Juliet			
5. Resources Assigned:		Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location			
Resource Identifier	Leader						
STC STF 5182F				0700-0700			
STG				0700-0700			
STG				0700-0700			
STL MVU 9338L	Hendrie, Cal	5	E-36	0700-0700			
DOZ MMU 4241	Cramer, Colton	2	E-59	0700-0700			
DOZ MMU 4245		2		0700-0700			
W/T PVT E-89	Derek Panken	2	E-89	0700-0700			
W/T				0700-0700			
FEMP				0700-0700			
FEMT				0700-0700			
HEQB				0700-0700			
HEQB				0700-0700			
6. Work Assignments: Limit spread of fire downslope to Merced River. Provide for lookouts on East side of Merced River.							
7. Special Instructions: Communications issues exist throughout the fire are. Mobile repeaters have been ordered but human repeaters and regular radio checks or PAR's are recommended. Water source will be the hydrant at Mariposa High School on 8th St.							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2 T3	1	COMMAND	151.2650	103.5	159.3300	T3 (131.8)	TONE 3 - BASALT
CDF T29	9	TACTICAL	151.3475	192.8	151.3475	192.8	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
CDF T18	15	AIR/GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	AIR TO GROUND
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	
9. Prepared by: Name: Chris Reneau		Pos/Title: RESL		Signature: 			
ICS 204		Date/Time: 7/17/2017 2300 hours					

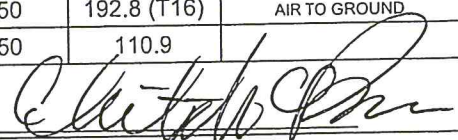
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4. Operations Personnel: Operations Section Chief: Bill Weiser Night Ops: Mark Higgins Branch Director: Sean Dakin / Joshua Bischof (T) Branch Safety: Mark Todd / Tim Erwin Division/Group Supervisor: Shane Frederick / Douglas Lacount (T)				Branch: III Div/Group: M Mike Page 1 of 2			
5. Resources Assigned:		Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location			
Resource Identifier	Leader						
STA OES 2801A	Brian Glass	22	E-143	0700-0700			
STA 1103A				0700-0700			
STA 1580A				0700-0700			
STA 2800A				0700-0700			
STA 4810A				0700-0700			
STC LMU 9225C				0700-0700			
STC OES 5807C	Kutka, Jonathon	19	E-19	0700-0700			
STC DETWILER # 1	Silguero, Martin	17	E-9001	0700-0700			
STG HUU 9122G	Mahoney, Jim	34	C-5	0700-0700			
STG FKU 9435G 9425G				0700-0700			
STG 9444G				0700-0700			
CRW ANF Bear Divide Hotshots IHC	Joshua Thomas	20	C-16	0700-1900			
STL TGU 9250L				0700-0700			
STL TUU 9416L	Prabhu, William J	3	E-15	0700-0700			
DOZ BEU 4645		3	E-26	0700-0700			
DOZ PVT E-40	John Hertzig	2	E-40	0700-0700			
W/T PVT E-75	Sunny Palmer	2	E-75	0700-0700			
W/T PVT E-120	Pezzi, Anthony	1	E-120	0700-0700			
6. Work Assignments: Establish and improve indirect line from Mt. Bullion Ridge Road to Bagby Rec area. Hold Mt. Bullion Ridge Road. Protect Fremont Peak. Provide structure defense on Bear Valley Road.							
7. Special Instructions: * 12 hour Resources Bold Communications issues exist throughout the fire are. Mobile repeaters have been ordered but human repeaters and regular radio checks or PAR's are recommended. Water source will be the hydrant at Mariposa High School on 8th St.							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2 T3	1	COMMAND	151.2650	103.5	159.3300	T3 (131.8)	TOE 3 - BASALT
CDF T31	11	TACTICAL	159.3825	192.8	159.3825	192.8	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
CDF T18	15	AIR/GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	AIR TO GROUND
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	
9. Prepared by: Name: Chris Reneau Pos/Title: RESL ICS 204 Date/Time: 7/17/2017 2300 hours Signature: 							

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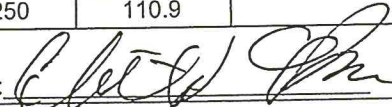
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ASSIGNMENT LIST (ICS 204)

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1. Incident Name: DETWILER		2. Operational Period: Date From: 07/18/17 Date To: 07/19/17 Time From: 0700 Time To: 0700				3. Branch: Staging High School	
4. Operations Personnel: Operations Section Chief: Bill Weiser Night Ops: Mark Higgins Branch Director: Staging Area Manager: Jason Emery						Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location	
5. Resources Assigned:							
Resource Identifier		Leader		Number of Personnel	Request #		
STA	1109A					0700-0700	
STC	1801A					0700-0700	
STC	DOZ E-152					0700-0700	
STF	DOZ E-153					0700-0700	
STG	DOZ E-191					0700-0700	
STG	DOZ E-192					0700-0700	
STL	DOZ E-193					0700-0700	
STL	DOZ E-194					0700-0700	
STL	DOZ E-195					0700-0700	
DOZ PVT E-16 → DIV 14		Williams, Keith		2	E-16	0700-0700	
DOZ PVT E-17		Muller, Charles		1	E-17	0700-0700	
DIVS	DOZ E-196					0700-0700	
DIVS	W/T E-217					0700-0700	
DIVS	W/T E-219					0700-0700	
HEQB	W/T E-221					0700-0700	
HEQB	W/T E-225					0700-0700	
HEQB						0700-0700	
6. Work Assignments: Maintain 3 minute response Status.							
7. Special Instructions: Communications issues exist throughout the fire are. Mobile repeaters have been ordered but human repeaters and regular radio checks or PAR's are recommended. Water source will be the hydrant at Mariposa High School on 8th St.							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2 T3	1	COMMAND	151.2650	103.5	159.3300	T3 (131.8)	TONE 3 - BASALT
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
CDF T18	15	AIR/GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	AIR TO GROUND
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	
9. Prepared by: Name: Chris Reneau Pos/Title: RESL ICS 204 Date/Time: 7/17/2017 2300 hours Signature: 							

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DETWILER

National Weather Service San Joaquin Valley

2017-07-17 4:40 PM PDT

Spot Forecast for DETWILER...CALFIRE

National Weather Service Hanford CA

439 PM PDT Mon Jul 17 2017

Forecast is based on request time of 2300 PDT on July 17.

If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

High pressure will maintain dry and hot temperatures through Tuesday, then temperatures will edge down a few degrees. Little change in humidity is expected from day to day. Winds will be terrain driven.

.TUESDAY...

Sky/weather.....Sunny. Areas of smoke in the morning.

Max temperature.....96-100.

Min humidity.....11-15 percent.

EYE LEVEL WINDS.....Downslope 1-3 mph in the early morning becoming upslope 3-5 mph by 0900 PDT then west 4-7 mph after 1200 PDT.

SURROUNDING RIDGE...North 3-5 mph in the morning becoming southwest to west 4-7 mph after 1200 PDT.

Mixing height.....Rising to 7500 ft AGL.

Transport winds.....South around 5 mph.

WIND (20 FT).....North 3-5 mph in the morning shifting to the west 4-7 mph in the afternoon.

.TUESDAY NIGHT...

Sky/weather.....Clear. Patchy smoke after midnight.

Min temperature.....64-68.

Max humidity.....40-45 percent.

EYE LEVEL WINDS.....Upslope/upvalley 3-6 mph through 2000 PDT shifting to downslope 1-4 mph.

SURROUNDING RIDGE...Northwest 3-7 mph in the early evening becoming north 2-4 mph.

Mixing height.....3500-5300 ft AGL early in the evening decreasing to less than 800 ft AGL.

Transport winds.....North around 6 mph.

WIND (20 FT).....Northwest 3-7 mph in the evening becoming north 2-4 mph after 2200 PDT.

.WEDNESDAY...

Sky/weather.....Sunny. Patchy smoke.

Max temperature.....95-99.

Min humidity.....11-15 percent.

EYE LEVEL WINDS.....Downslope 1-3 mph in the early morning becoming upslope 3-5 mph by 0900 PDT then west 4-6 mph after 1200 PDT.

SURROUNDING RIDGE...North 1-3 mph in the early morning shifting to west 3-7 mph after 1200 PDT.


Mixing height.....200-1400 ft AGL increasing to 5000-5800 ft AGL.

Transport winds.....South around 3 mph.

WIND (20 FT).....North 1-3 mph in the morning shifting to the west 3-7 mph after 1200 PDT.

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FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: WILDFIRE
FIRE NAME: DETWILER	OPERATIONAL PERIOD: JULY 18, 2017 24 HR
DATE ISSUED: JULY 17, 2017	TIME ISSUED: 1900
UNIT: CALFIRE MADERA-MARIPOSA-MERCED	SIGNED:  Typed/printed: TIM CHAVEZ

INPUTS

WEATHER SUMMARY:

HOT AND DRY THROUGH THE OPERATIONAL PERIOD. SEE SPOT FORECAST

OUTPUTS

FIRE BEHAVIOR

GENERAL:

NFDRS-ENERGY RELEASE COMPONENT 99, (APPROACHING 90TH PERCENTILE)
BURNING INDEX 148, HUNDRED HOUR FUEL MOISTURE 7%, TEN HOUR FUEL MOISTURE 7%, 1
HOUR FUEL MOISTURE 2-3%, PROBABILITY OF IGNITION 100 DURING DAYLIGHT HOURS. FUELS
ARE GRASS AND BRUSH WITH OAK AND GRAY PINE OVERSTORY. THERE IS SIGNIFICANT DEAD
MATERIAL IN THE CROWNS OF BOTH OAK AND PINE OVERSTORY THAT IS CAUSING HIGH
FREQUENCY FIREBRAND MATERIAL. GRASS FUELS IN SUNLIGHT ARE VERY RECEPTIVE TO
IGNITION.

SPECIFIC:

BRANCH I AND BRANCH II

THIS AREA IS HOLDING AND SHOULD BE MOPPED UP 100'. ATTENTION SHOULD BE PAID TO
AERIAL FUELS FOR HOLDOVER BURNING MATERIAL IN THE CROWNS.

BRANCH III

THE SCOTCH GULCH AND FLYAWAY GULCH AREAS HAVE SOUTH ASPECTS COVERED WITH FINE
FUELS DIRECTLY ACROSS LAKE MCLURE FROM THE FIRES EDGE. A SPOT ACROSS WILL
ESTABLISH EASILY AND SPREAD RAPIDLY. THE BACK SIDE OF FREMONT PEAK HAS DEAD
STANDING SNAGS THAT WILL BE PRONE TO FIRE SPREAD BY SPOTTING.

BRANCH IV

THERE ARE AREAS OF HEAVY TREE MORTALITY IN BEAR VALLEY AND ON THE NORTH SLOPES
OF MT. BULLION. THESE AREAS COULD HARBOR FIRE IN SNAGS THAT WILL SPREAD SPOTS
DOWNWIND. THESE TREES WILL NEED TO BE FELLED FOR ANY INDIRECT ATTACK TO BE
EFFECTIVE. FIRE WILL CONTINUE TO MOVE SOUTH AND EAST AFTER 1400.

AIR OPERATIONS: SUNRISE 0553, SUNSET 2019.

SMOKE WILL OBSCURE VISIBILITY UNTIL AFTER 1000.

SAFETY



USE THIS QR CODE TO VIEW THE TREE MORTALITY MAP FOR MARIPOSA
COUNTY. THESE TREES HAVE BEEN DEAD FOR TWO YEARS OR MORE
AND ARE READY TO FALL OR SPREAD SPOTFIRES ACROSS YOUR LINES.
http://www.fire.ca.gov/treetaskforce/downloads/maps/TreeMortality_RBP_MMU.pdf
http://www.fire.ca.gov/treetaskforce/downloads/maps/TreeMortality_RBP_MMU.pdf

- COMMON DENOMINATOR: FIRE WAS IN RELATIVELY LIGHT FLASHY FUELS LIKE GRASS AND LIGHT BRUSH



SAFETY MESSAGE

DETWILER



CA-MMU 014474 JULY 18, 2017 0700-0700

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FATIGUE

CREWS ON THE ROAD FOR MULTIPLE FIRES AND MULTIPLE DAYS

Watch Out

- Impacts situational awareness
- Impacts work performance
- Impacts overall safety

Mitigation

- Brief crews on IRPG sections specific to combating fatigue
- Implement the buddy system
- Utilize the proper work rest cycle

FIRE BEHAVIOR

THE YEAR AFTER A DROUGHT IS THE YEAR TO BE AWARE OF

Watch Out

- Increased annual grass crop
- Dead tree crowns will increase ember production when fire is established at the tree base
- Northerly morning winds switching to westerly in the afternoon

Mitigation

- Utilize all required PPE when on the fire line
- Preplan for short and long range spotting
- Have escape routes identified and make them know to your crew

HEAT ILLNESS

ELEVATED TEMPERATURES MEANS HIGH POTENTIAL FOR HEAT ILLNESS

Watch Out

- **Heat stress** is the mild syndrome of weakness, fatigue, & nausea that occurs early when the body begins to overheat
- **Heat exhaustion** presents with headache, profuse sweating, dizziness, drowsiness and confusion
- **Heat stroke** is a medical emergency that presents as confusion, irrational behavior, loss of consciousness, hot, dry skin, and elevated body temperature

Mitigation – Proper nutrition reduces fatigue and exhaustion emergencies

- Monitor your crews for signs & symptoms
- Drink plenty of water – the equivalent of one cup every 15-minutes
- If heat exhaustion or heat stroke occurs: The individual should be removed from the fireline, PPE removed, placed in a cool environment w/AC if available, and re-hydrated. Follow the Medical Plan and make the appropriate notifications

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BRENT STANGELAND

INCIDENT SAFETY OFFICER

AIR OPERATIONS SUMMARY ICS-220									
Incident Name / Number		Sunrise	Startup	Cutoff	Sunset	Time Prepared		Date Prepared	
Detwiler/CAMMU014474		0547 [2]	0617 [3]	1950 [4]	2020 [5]	1400		Monday, July 17, 2017 [1]	
		Shutdown				2050 [6]		Tuesday, July 18, 2017	
General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED ALL GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.						Helibase Information Name Mariposa Latitude 37 30.521' [8] Longitude 120 2.283' Name Latitude Longitude		TFR Information Request # A-58 Polygon: 5 NM Altitude: 6000 MSL Centerpoint: 37 36.134' Lat 120 12.929' Long NOTAMS: 7/1963 Frequency 118.5750 http://tfr.faa.gov/tfr2/list.html	
Rescue Ship Information Day Helist Name C404 Phone 209 532-2911 Make/Model UH-1H Location Mariposa HB Request Procedure for These Aircraft: Incident Communications See Medical Plan For Additional Info									
Frequencies	TX	Tone	RX	Tone	AM / FM	Position	Name	Phone	Phone
AIR / GROUND - COMMAND	110.9000	159.3300	151.2650	103.5	FM	AOBD	Mark Gradek	(707) 889-4303 [9]	Columbia Air Attack 209.532-2911
AIR / GROUND - TACTICAL	159.3450	192.8 (16)	159.3450	192.8 (16)	FM	ASGS	Greg Bradshaw	(949) 887-2841	Columbia Helitack 209.532-2911
AIR/AIR ROTARY WING	118.0250		118.0250		AM	ASGS(T)	Ken Dossey	(949) 322-8815	
AIR/AIR ROTARY WING					AM	HEBM	Tim Perkins	(530) 448-2414	
AIR TACTICS	166.6750		166.6750		FM	HEBM(T)			
						HEBM(T)			
TOLC	123.0250		123.0250		AM	HTMG			
DECK	163.1000		163.1000		FM	HLCG			
CALCORD - MEDICAL	156.0750	156.7 (6)	156.0750	156.7 (6)	FM	ATGS	Ken Warnock	(209) 532-2911	
AIRGAURD - Emergency Only	168.6250	110.9 (1)	168.6250		FM	ATGS	James Tully	(805) 238-1878	
HELICOPTERS (Use page 2 if Needed)									
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks	FAA #	Type	Make/Model
HT37S	1	S-64E	Mariposa	0700	0800	Exclusive [10]		3	
793HT	1	S-64E	Mariposa	0700	0800	Exclusive		3	
25M	1	S-64E	Mariposa	0700	0800	Exclusive			
3PJ	1	UH-60A	Mariposa	0700	0800	CWN/Restricted			
4PJ	1	UH-60A	Mariposa	0700	0800	CWN/Restricted			
C404	2	UH1-H	Mariposa	0700	0800	Callfire/Holst			
51HQ	2	B-205	Mariposa	0700	0800	Yosemite Helitack			
H517	2	B-212	Mariposa	0700	0800	Bald Mtn Helitack			
68U	2	S-58	Mariposa	0700	0800	Restricted			
	2					Pending			
	2					Pending			
	2					Pending			
FIXED WING (Use Page 2 if Needed)									
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: DETWILER		2. Date/Time Prepared Date: 07/17/2017 Time: 1830		3. Operational Period: Date From: 07/18/17 Time From: 0700 Date To: 07/19/17 Time To: 0700				
4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	CDF C2 T3	ALL DIVISIONS	151.2650	103.5	159.3300	T3 (131.8)	TONE 3 - BASALT
2	COMMAND	CDF C2 T4	ALL DIVISIONS	151.2650	103.5	159.3300	T4 (136.5)	TONE 4 - MT. BULLION
3	COMMAND	CDF C2 T8	ALL DIVISIONS	151.2650	103.5	159.3300	T8 (103.5)	TONE 8 - PENON BLANCO
4	COMMAND	CDF C2 T15	UNASSIGNED	151.2650	103.5	159.3300	T15 (162.2)	FUTURE PRORTABLE REPEATER
5								
6								
7	TACTICAL	VFIRE 24	BRANCH I	154.2725	156.7	154.2725	156.7	BRANCH I / CONTENGENCY
8	TACTICAL	VFIRE 25	BRANCH II	154.2875	156.7	154.2875	156.7	
9	TACTICAL	CDF T29	DIV J	151.3475	192.8	151.3475	192.8	
10	TACTICAL	CDF T30	DIV K	151.3925	192.8	151.3925	192.8	
11	TACTICAL	CDF T31	DIV M	159.3825	192.8	159.3825	192.8	
12	TACTICAL	NIFC T6	DIV O	166.7750		166.7750		
13	TACTICAL	NIFC T7	DIV R	168.2500		168.2500		
14	MEDICAL	CALCORD	MEDICAL	156.0750	156.7	156.0750	156.7	
15	AIR/GROUND	CDF T18	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	AIR TO GROUND
16	EMERGENCY	GUARD	EMERGENCY	168.6250		168.6250	110.9	
17								
18								
19								
20	EMERGENCY	GUARD	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY
5. Special Instructions								
6. Prepared by (Communications Unit Leader): Name: Ken Parker COML								
Signature: 								
Date/Time: 07/17/2017 3:45								
ICS 205								

MEDICAL PLAN ICS 206	1. INCIDENT NAME DETWILER	2. DATE PREPARED 7/17/17	3. TIME PREPARED 1600 HRS	4. OPERATIONAL PERIOD 7/18/17 0700-0700															
5. INCIDENT MEDICAL AID STATIONS																			
MERT	Mt. Bullion Camp	RN [X]																	
6. TRANSPORTATION																			
A. AMBULANCE SERVICES																			
NAME	LOCATION	PHONE	PARAMEDICS YES NO																
Mercy Ambulance	4979 Hwy 140 Mariposa	209-966-3803	X																
Riggs Ambulance	100 Riggs Ave. Merced	209-966-3803	X																
CHP H40- Air Rescue Helicopter	Fresno Airport	559-441-5442	X																
CALSTAR 13	Merced Airport	1-800-252-5050																	
B. INCIDENT AMBULANCES																			
Name	LOCATION	PARAMEDICS YES NO																	
7. HOSPITALS																			
NAME	ADDRESS	TRAVEL TIME- minutes AIR GRND	PHONE	HELIPAD YES NO															
John C. Fremont	5189 Hospital Rd. Mariposa	15	209-966-3631	X															
Mercy Medical Center	333 Mercy Ave. Merced	45	209-564-5130	X															
Memorial Medical Center- Trauma level II	1700 coffee rd. Modesto	90	209-569-7600	X															
Community Regional Trauma Level I	2823 Fresno St. Fresno	83	559-459-7410	XX															
U.C Davis Med Center- Burn Facility	2315 Stockton Blvd Sacramento	147	916 734-3636	XX															
8. MEDICAL EMERGENCY PROCEDURES																			
EMERGENCY FREQUENCY: CALCOORD LINE EMERGENCY: Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. <ul style="list-style-type: none"> Division/Group Supervisor contacts: <ol style="list-style-type: none"> Closest EMS resource Communications Unit Communications Unit contacts: <ol style="list-style-type: none"> Ground or Air ambulance as requested Operations Safety Medical Unit (916) 622-3371 Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> A pre-assigned tactical frequency (i.e. CALCOORD) should be used for IWI and only for duration of need. Communications Unit will clear command channel for emergency traffic as needed and only for duration of need. INCIDENT BASE EMERGENCY: Contact Communications on CALCORD with patient complaint/symptoms and location. Communications will respond appropriate medical response. <ul style="list-style-type: none"> Communication contacts: <ol style="list-style-type: none"> Medical Unit Safety Logistics Operations Crew Supervisor Comps/Claims 		INCIDENT REPORTING PROCEDURES CHIEF COMPLANT _____ LOCATION OF PATIENT _____ POINT OF CONTACT _____ TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___ POINT OF PICKUP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS AN EMT WITH PATIENT: YES ___ NO ___ AGE _____ SEX: MALE ___ FEMALE ___ <p style="text-align: center;">ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Hospital</th> <th style="text-align: center;">LAT</th> <th style="text-align: center;">LONG</th> </tr> <tr> <td>Mercy Medical Center</td> <td style="text-align: center;">37 20.45</td> <td style="text-align: center;">120 28.00</td> </tr> <tr> <td>Memorial Medical</td> <td style="text-align: center;">37 40.09</td> <td style="text-align: center;">120 58.90</td> </tr> <tr> <td>Community Regional</td> <td style="text-align: center;">36 44.50</td> <td style="text-align: center;">119 47.04</td> </tr> <tr> <td>U.C. Davis Med Center</td> <td style="text-align: center;">38 33.33</td> <td style="text-align: center;">121 27.32</td> </tr> </table>			Hospital	LAT	LONG	Mercy Medical Center	37 20.45	120 28.00	Memorial Medical	37 40.09	120 58.90	Community Regional	36 44.50	119 47.04	U.C. Davis Med Center	38 33.33	121 27.32
Hospital	LAT	LONG																	
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Community Regional	36 44.50	119 47.04																	
U.C. Davis Med Center	38 33.33	121 27.32																	
ICS 206	9. PREPARED BY: (Medical Unit Leader) Darin Nel-22- 		10. REVIEWED BY: (Safety Officer) Jack Piccinni																



DETWILER FIRE



Base Camp for the Detwiler Fire will be moving
to the:

Merced County Fairgrounds

Located at:

**900 Martin Luther King Jr Way
Merced, California 95431**

- The last meal to be served at this location, the Mariposa County Fairgrounds, will be breakfast on July 18, 2017.
- Following breakfast on July 18, 2017, all meals will be served at the Merced County Fairgrounds.
- The Operations Briefing for July 19, 2017, and all subsequent briefings, will take place at the Merced County Fairgrounds.

FIRING OPERATION CHECKLIST

Location: _____

Date: _____ Time: _____

Firing Supervisor _____

1. Personnel Briefing

- ☐ Objectives
- ☐ Conditions (fire environment)
- ☐ Resource assignments identified
 - ☐ Firing personnel
 - ☐ Holding forces
 - ☐ Lookouts
- ☐ Ignition plan/sequence
- ☐ Communication Plan
- ☐ Contingency Plan
- ☐ Safety issues

2. Go / No-Go

- ☐ All personnel briefed
- ☐ Weather forecast reviewed
- ☐ Resources in place
- ☐ Lookouts posted as needed
- ☐ Anchor and termination firing points identified
- ☐ Communications systems in place
- ☐ Fire behavior forecast reviewed
- ☐ Escape routes and safety zones established and made known
- ☐ Adjoining forces/Air Attack notified

3. Approval Prior To Firing

- ☐ Division Supervisor
- ☐ Branch Director
- ☐ Operations

4. Other Notifications

- ☐ Other: _____
- ☐ Other: _____

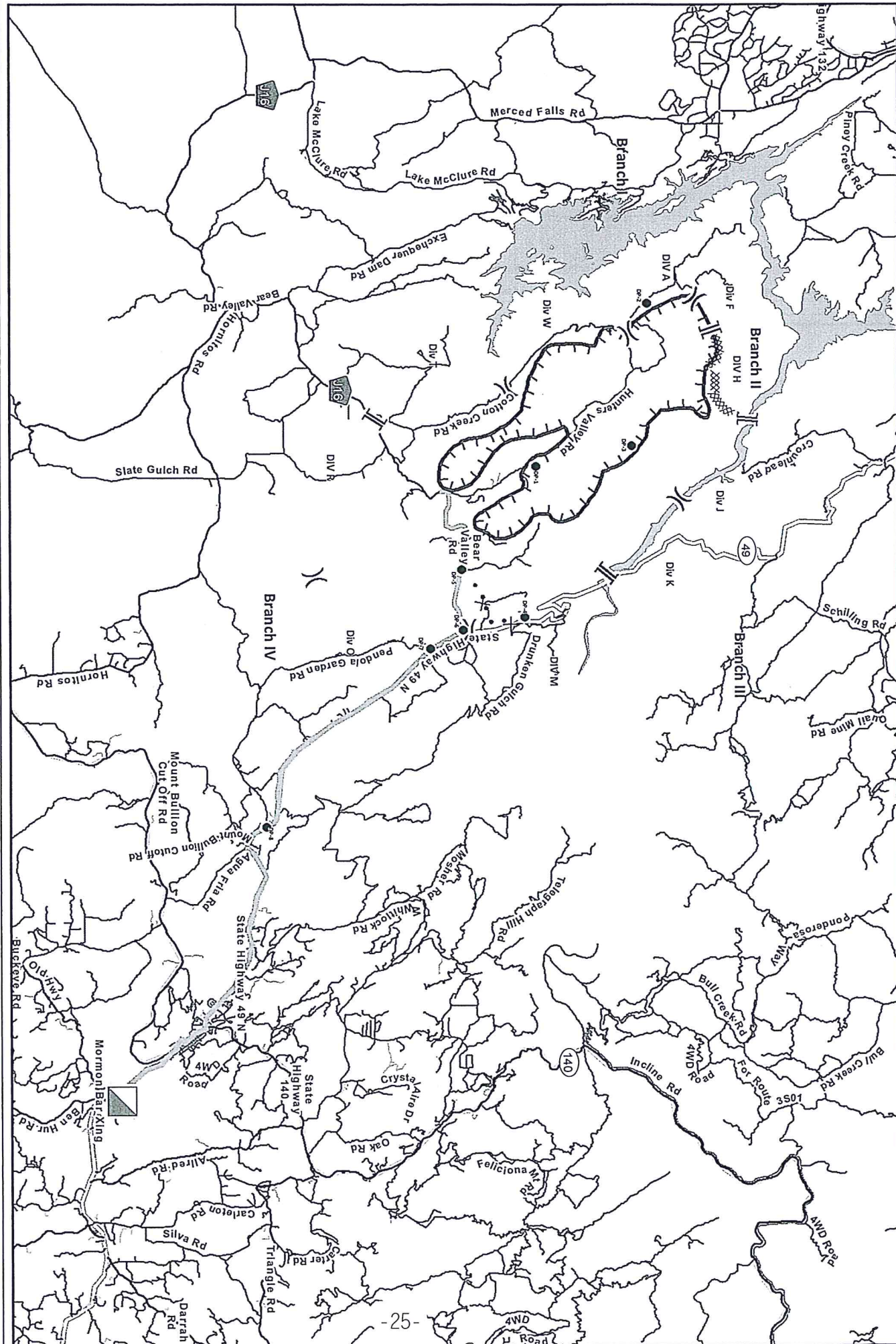
Attach Firing Operations Checklist to ICS-214

Rev: Ops Group February 8, 2011



- () Division
- || Branch
- Uncontrolled Fire Edge
- Completed Dozer Line
- ... Proposed Dozer Line
- Drop Point
- Travel Route

TRAVEL MAP
 DeWilder Incident
 CA-MMU 014474
 07/18/17



UNIT LOG CONT. (ICS 214)

1. Incident Name:	DETWILER
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DETWILER

2. Operational Period:	Date From:	7/18/17	Date To:	7/19/17
	Time From:	0700	Time To:	0700

Date From: 7/18/17

Date To: 7/19/17

Time From: 0700

Time To: 0700

6. Activity Log

TIME

MAJOR EVENTS	
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7. Prepared By: _____

Date/Time: _____

[illegible]